Figure 1

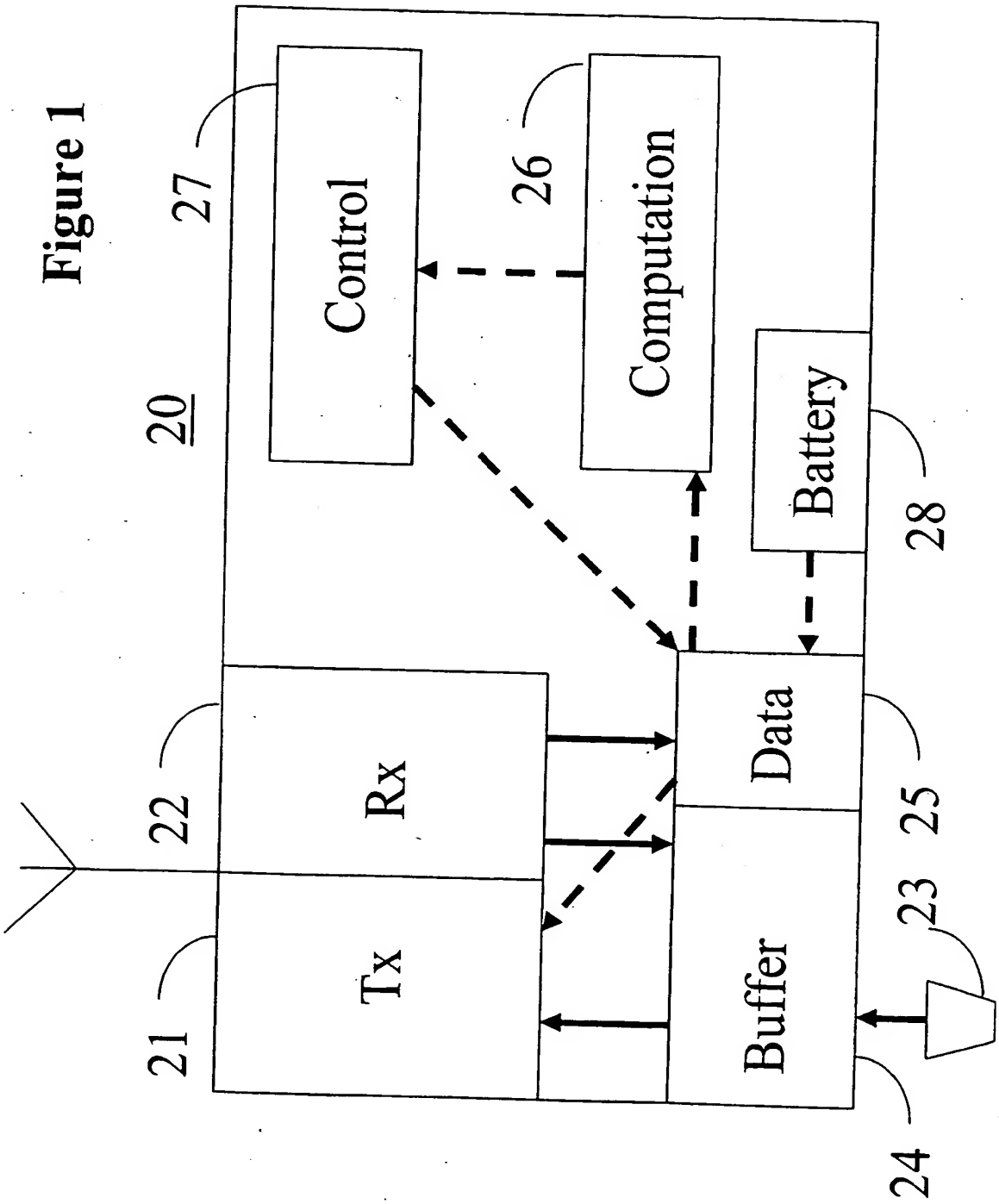

20
Control
27
Computation
26
Battery
28
Rx
22
Data
25
Tx
21
Buffer
23
24

Figure 2

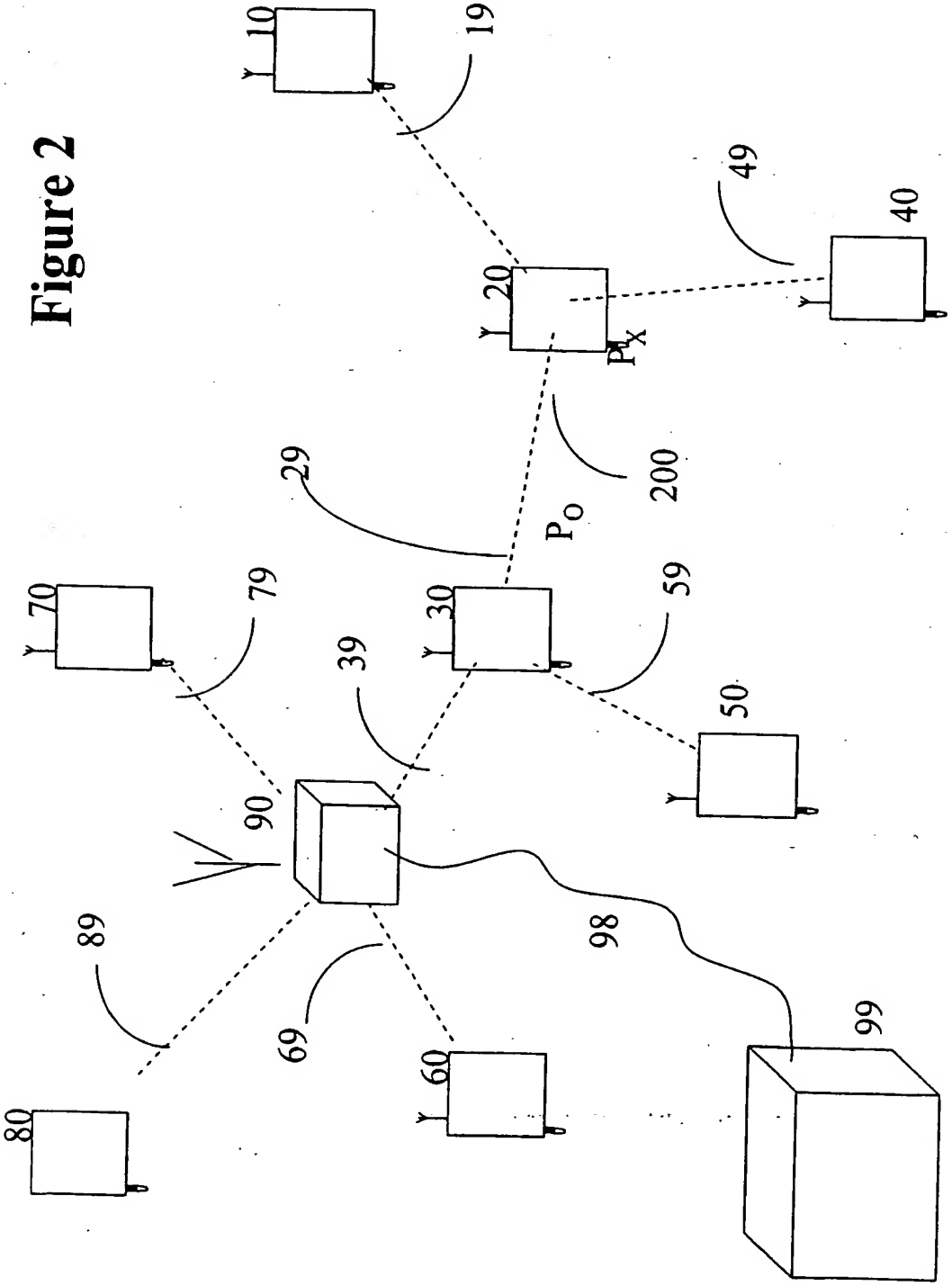
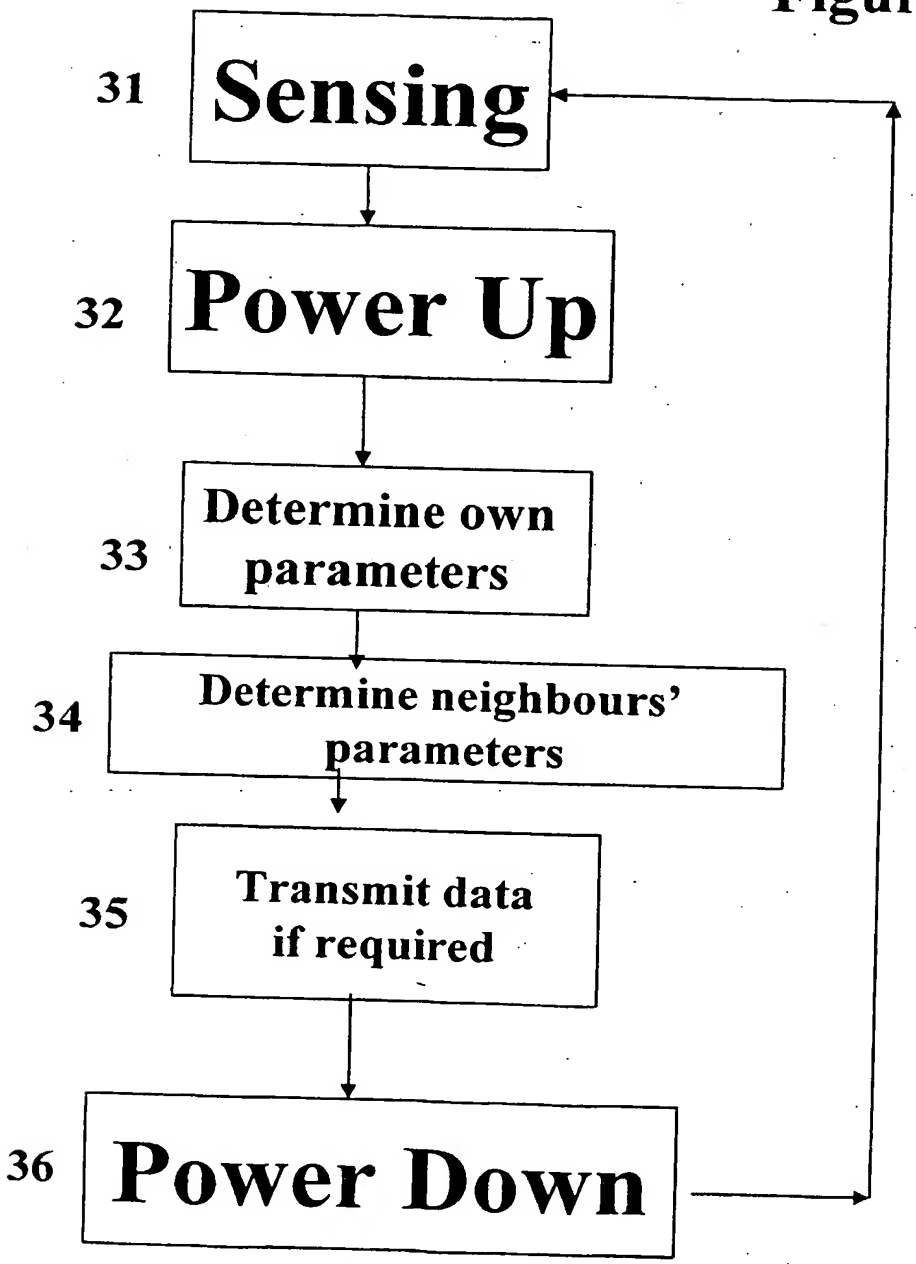


Figure 3


31
Sensing
32
Power Up
33
Determine own parameters
34
Determine neighbours' parameters
35
Transmit data if required
36
Power Down

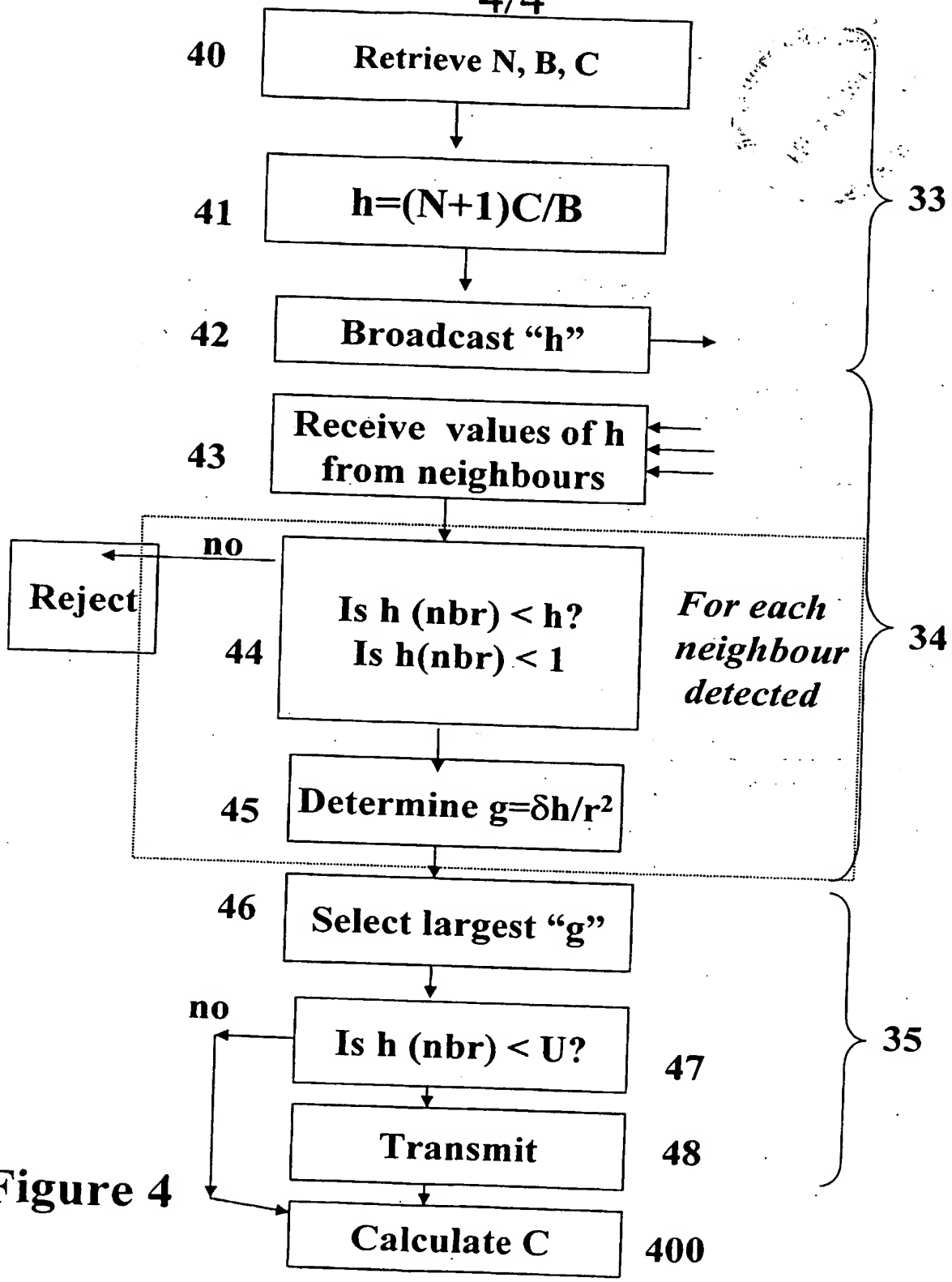

40
Retrieve N, B, C
41
h=(N+1)C/B
42
Broadcast "h"
43
Receive values of h from neighbours
no
Reject
Is h (nbr) < h?
Is h(nbr) < 1
44
For each neighbour detected
45
Determine g=δh/r²
46
Select largest "g"
no
Is h (nbr) < U?
47
Transmit
48
Calculate C
400
33
34
35

Figure 4